

Ed Roman's Whitepaper comparing SUN J2EE and MS .NET

A white paper published by Ed Roman is available in PDF format at <http://www.theserverside.com/resources/pdf/J2EE-vs-DotNET.pdf>. This white paper is prepared for SUN Microsystems. The WP clearly favours J2EE over .NET. I am sure that IBM/SUN/J2EE players have made this available to your account by now. Here are a few things we can do to ensure we dispel the myth.

Our Rebuttal

- **About Ed:**
http://www.javacoffeebreak.com/articles/authorprofiles/roman_ed/.
"Ed Roman is one of the world's leading authorities on EJB and J2EE. He is the author of *Mastering Enterprise JavaBeans and the Java 2 Platform, Enterprise Edition*, an advanced book on EJB and J2EE development. He is also CEO of [The Middleware Company](http://www.themiddlewarecompany.com), a firm specializing in EJB training and consulting"
- **Our Market Bulletin:** Read our customer-ready rebuttal from <http://j2ee> portal and make it available to your customers.
- Mention our intense effort in interoperability testing where Sun does NOT participate <http://www.xmethods.net/ilab/> and <http://www.xmethods.net/ilab/#client>. Philip DesAutels (philipda) is the Product Manager for XML Web Service and will gladly provide support in this area.
- **Gartner's Report on Web Services Pioneers: A Vendor Update (May 9, 2001)**
<http://mslibrary/research/mktresearch/Gartner/Intraweb/research/ras/97900/97980/97980.html> clearly puts us in the lead of web services. You will not be able to access the report because of licensing restrictions. Please request Marketing for a copy. Figure 1 is copied from MGB presentation, and it clearly shows our leadership.

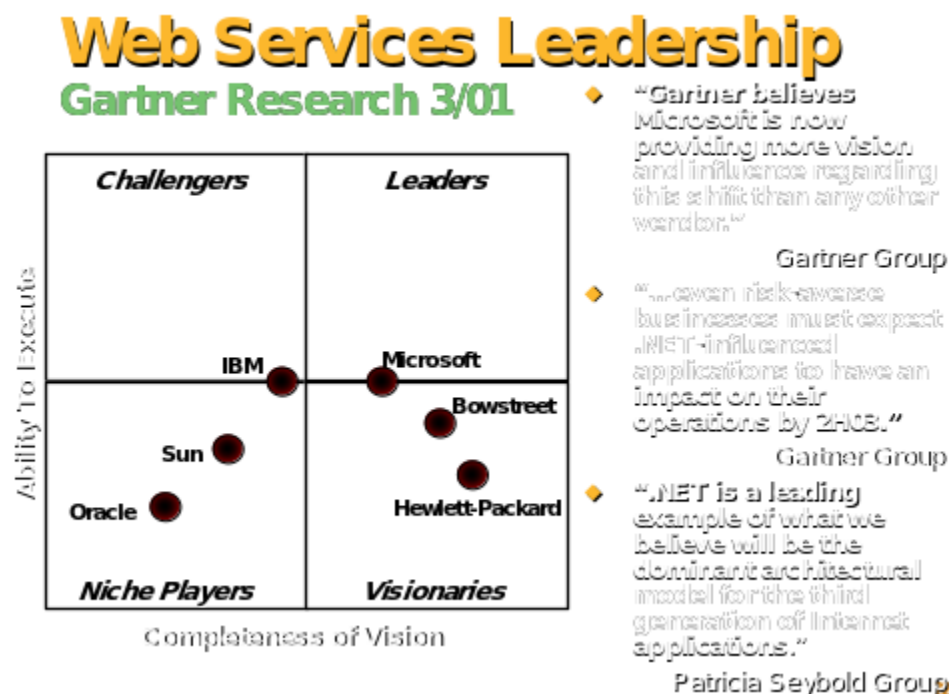


Figure 1

Other Noteworthy Points

Fractions within J2EE World

- Bottom Line: The Java application server market is entering an era of intense competition for long-term mind share that will alter the current market space. Vendors are moving beyond basic Java 2 Enterprise Edition compliance to compete with broader solution platforms. Users should evaluate solutions in the context of market space and vendor integration with chosen application packages.

- META Group

<http://mslibrary/research/mktresearch/META/metaintranet/ads/ad892.htm>

- Also point out IBM Red Books for [“Migration from BEA Weblogic to WebSphere”](#) – a 374 page report. So, J2EE apps are not WORA (Write Once Run Anywhere).

Why COM+ is better

- Dino Chiesa’s [“Choosing an application Server”](#)

Other views on .NET v/s J2EE - MS and 3rd Party

- Roger Sessions’ Internal Presentation on DemosRUS [and “DOTNET Versus J2EE by Roger Sessions”](#). Be careful with this one. Ed Roman has countered Rogers’ claims. You will be able to find a transcript of their debate at www.objectwatch.com. I also remember reading a report by GIGA criticizing him on some points from this document. A number of Java or IBM friendly CxOs and Architects just ignore him as he is too MS friendly. This can be a great tool, but it can hurt if you are not completely prepared to deal with criticisms from customers.
- Directions on Microsoft has published a special issue covering just .NET. There are some criticisms, but it makes a very compelling statement that if any company is capable of delivering a vision as grand as .NET, it is Microsoft. You can see bits and pieces at www.directionsonmicrosoft.com or simply order the print copy for your customer. I would highly recommend reading it prior to delivering it.
- Scroll down and open [“Making Sense of Entity Enterprise Java Beans”](#) to know that we provide better performance, scalability and programmer Productivity. Tie this

Jump - Java User Migration Path

- Although we have announced that we will not support JVM in future releases of Windows, we do support Java. Java is one of the supported languages in .NET. We also have a program called Java User Migration Path (JUMP) to import java code to VS.NET. I saw a demo of that at MGB. However, the program is MS Confidential, and you should check with JUMP Alias or Tony Goodhew before mentioning much to customers.

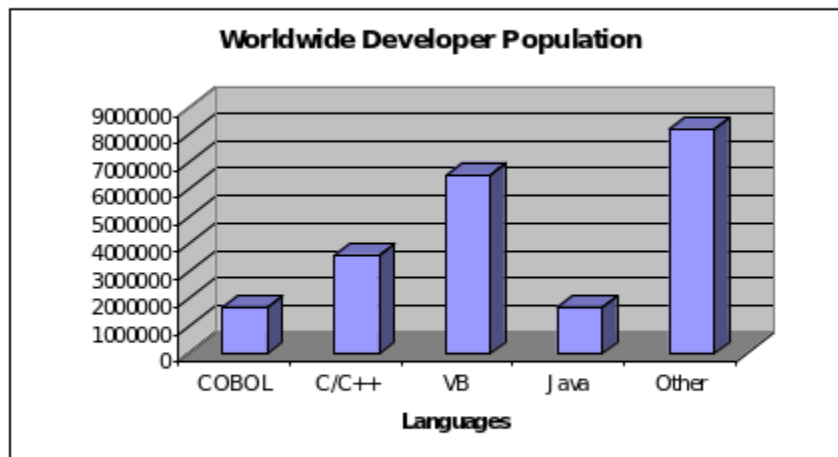
Benchmarks

- The best possible benchmark we can provide for our customers is from www.tpc.org. The problem is, you will not find EJB being used as a middle-tier. So, we created our own tests, in conjunction with Vertigo software, and came up with some benchmarks. The slide deck and associated code can be found at <[\\tor-user\hiteshd\public\websphere and .NET benchmark](http://tor-user\hiteshd\public\websphere_and_.NET_benchmark)>. Please note that these benchmarks are MS use only. It is okay to use them at customer site 1:1, but do not hand out or provide a link. For details, please check with Gregory Leake.

Summary

- **Newness of .NET v/s establishment of J2EE:** .NET Servers are proven. VS.NET is being used by many early adopters. Prove it with a case study from <http://e2a> or <http://dotnet>. Mention that each change in J2EE specification also forces some new features in J2EE.
- **.NET can’t do Web Services:** Prove them wrong with Gartner report mentioned above and also establish our thought and technical leadership.
- **Portability, interoperability with legacy systems and migration:** Why migrate existing apps when you can interoperate and expose them using SOAP? We can interoperate with legacy apps using either SOAP/XML or HIS. Use IBM Red books mentioned above to prove that while Java is capable of portability, J2EE is certainly not. We have played key role in SOAP and UDDI.
- **Industry support for Java/J2EE:** 2M Java Developers to 6M VB. There are tons on COBOL, RPG etc. We support many languages. I don’t remember for sure, but I have seen an analyst report suggesting that to re-train a legacy programmer to Java would cost approximately \$65K US. VB, arguably, is one of the easiest event-driven programming languages.

It’s a Multi-Language World



Total Developers Worldwide: 21.6 million

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- **Scalability:** Use benchmarks from tpc.org as well as the ones we have put together with Vertigo. Please note that these benchmarks are MS Internal only.
- **.NET not supporting Java:** Not true. We support Java language in VS.NET. We even have a program, JUMP, to import java to C#. We will not support JVM in future releases of Windows OS.